a3

12. A disk drive in accordance with claim 7, wherein said impact detection section is a piezoelectric ceramic sensor.

16. A disk drive in accordance with claim 14, comprising:

a4

an impact detection section for detecting an impact caused by the behavior of said magnetic ball, and a rotation speed detection section for detecting the rotation speed of said disk at the time of the detection of said impact, wherein said impact detection section detects the timing of the separation of said magnetic ball from said magnet, and said rotation speed detection section detects the rotation speed of said disk at the timing of said separation, and said impact detection section detects the timing of the attraction of said magnetic ball by said magnet, and said rotation speed detection section detects the rotation speed of said disk at the timing of said attraction.

a5

24. A disk drive in accordance with claim 1, further comprising:

a behavior detection section for detecting the behavior of said magnetic ball, and a rotation speed detection section for detecting the rotation speed of said disk, wherein said behavior detection section detects the timing of the separation of said magnetic ball from said magnet, and said rotation speed detection section detects the rotation speed of said disk at the timing of said separation.

A marked-up copy of the amended claims is attached hereto, having the bracketed additions and stricken deletions.

REMARKS

Claims 1 to 31 are pending in the application.

The purpose of this amendment is to place the claims in appropriate U.S. form and delete the multiple dependent claims in this application, and thereby eliminate excessive claim fees. Such amendments are formal in nature and no new matter is added by any of the